

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	((264/132.ccls.) and ((264/234.ccls.) or (264/211.2.ccls)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:11
S3	257	S1 and (ester)(hydrocarbon and fluorocarbon)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:47
S4	131	S3 and (heat\$4 and cool\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 09:24
S5	1	S1 and (polyolefin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:48
S6	1	("3646153").PN.	USPAT	OR	OFF	2007/03/27 10:53
S7	1	("3955027").PN.	USPAT	OR	OFF	2007/03/27 10:55
S8	1	("5178931").PN.	USPAT	OR	OFF	2007/03/27 10:57
S9	1	("5178932").PN.	USPAT	OR	OFF	2007/03/27 10:59
S10	1	("5459188").PN.	USPAT	OR	OFF	2007/03/27 11:01
S11	1	("5898046").PN.	USPAT	OR	OFF	2007/03/27 11:02
S12	1	("5798402").PN.	USPAT	OR	OFF	2007/03/27 13:21
S15	26	S4 and (polyolefin\$4) and S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 13:42
S16	131	S4 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 13:58
S17	5234829	(suppress\$3) and (repel\$4) or (molded object)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:01
S18	8857	(suppress\$3) and (repel\$4) or (molded object) and (427/314,316,372.2,398.1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:06
S19	193707	(suppress\$3) and (water repel\$4) or (molded object) and (427/314,316,372.2,398.1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:05
S20	8857	(suppress\$3) and (repel\$4) or (molded object) and (264/234,132,211.2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:07
S21	74698	(suppress\$3) and (repel\$4) or (molded object) and (extruded\$4 and heating\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:09
S22	47076	(suppress\$3) and (repel\$4) or (polyolefin or hydrocarbon) and (extruded\$4 and heating\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:10

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S23	576760	(suppress\$3) and (repel\$4) or (polyolefin or hydrocarbon or polymer) and (extruded\$4 and heating\$4 or cool\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:10
S24	5	((264/132.ccls.) and ((264/234.ccls.) or (264/211.2.ccls)))	USPAT	OR	ON	2007/03/27 14:11
S25	35710	(molded near3 fluoro\$3 near carbon or hydrocarbon and ester and polyolefin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 11:05
S26	4155	S25 and (textile)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 11:48
S27	6	(textile and polyolefin and fluorochemical and hydrocarbon)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 11:55
S28	41	(polyolefin and fluorochemical and hydrocarbon and ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 12:12
S29	25	(polyolefin and fluorochemical and hydrocarbon and ester) and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 12:55
S30	25	(polyolefin and fluorochemical and hydrocarbon and ester) and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 12:17
S31	1561259	Extruded or molded polyolefin polymer and fluorochemical or hydrocarbon ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 12:57
S32	462397	(Extruded or molded) and (polyolefin polymer) or (fluorochemical or hydrocarbon) and ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 12:58
S33	5341239	(Extruded or molded compound) and (polyolefin polymer) or (fluorochemical or hydrocarbon) and ester in fiber or textile	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:00
S34	356686	(polyolefin polymer) and (fluorochemical ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:02
S35	406260	(polyolefin polymer) and (fluorochemical ester) and textile or nonwoven fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:03
S36	471464	repel\$3 and (polyolefin polymer) and (fluorochemical ester) or textile or nonwoven fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:03
S37	477310	repel\$3 and (polyolefin polymer) or textile or nonwoven fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:04

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S38	392269	repel\$4 and (fluorochemical) and textile or nonowen fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 13:04
S39	861	repel\$4 and (fluorochemical) and textile	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 14:29
S40	1748	(264/211.2,234,132).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:30
S45	8098	(polyolefin or polyethylene or polypropelene)same(fluorochemical or fluorocarbon)or(perfluoro\$8orperfluoro\$10)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 14:36
S46	8098	(polyolefin or polyethylene or polypropelene)same(fluorochemical or fluorocarbon)or(perfluoro\$8orperfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 14:38
S47	11014	(polyolefin or polyethylene or polypropylene)same(fluorochemical or fluorocarbon)or(perfluoro\$8 or perfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 14:39
S48	8448	(polyolefin or polyethylene or polypropylene)same(fluorochemical or fluorocarbon)or(perfluoro\$8 or perfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:39
S49	8448	(polyolefin or polyethylene or polypropylene)same(fluorochemical or fluorocarbon) or (perfluoro\$8 or perfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:41
S50	742	(polyolefin or polyethylene or polypropylene) same (fluorochemical or fluorocarbon or ((perfluoro\$8 or fluoro\$8) adj stearate) or perfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 14:46
S51	38	S50 and (repel\$8) and (heat\$3 same cool\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:35
S52	1	("5178931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:06
S53	1	("5178932").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:07
S54	7	"51" and nonowoven	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:36

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S55	742	(polyolefin or polyethylene or polypropylene) same (fluorochemical or fluorocarbon or ((perfluoro\$8 or fluoro\$8) adj stearate) or perfluoro\$10) same (mold\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:36
S56	38	S55 and (repel\$8) and (heat\$3 same cool\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:36
S57	0	S56 and nonowoven	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:38
S58	0	S55 and nonowoven	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:38
S59	0	S55 and nonowoven	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 13:39
S60	44	S55 and (nonowoven or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:08
S61	13	S55 and (repel\$10 or \$10proof) and (temporar\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:14
S62	138	S55 and ("264"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:45
S63	5073511	ink application	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:46
S64	80533	(ink applicat\$4) and (surface modif\$5) and textile	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:48
S65	422155	(ink applicat\$4) and (surface modif\$5) and (textile or nonowen fiber)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:49
S66	237705	(ink applicat\$3) and (surface modif\$3) and (textile or nonowen fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 14:50
S67	92	S55 and (ink applicat\$3) and (surface modif\$3) and (textile or nonowen fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 15:14
S68	102	S55 and (ink applicat\$3) and (surface modif\$3) and (textile or nonowen fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 15:14

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5197178	time delay and repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:26
L2	267043	1 and fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 12:38
L3	350	(temporar\$8) with (recept\$8 or promot\$8 or adher\$8) same (heat\$3 and cool\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:16
L4	27	(temporar\$8) with (recept\$8 or promot\$8 or adher\$8) same (heat\$3 and cool\$3)and (hydrophil\$8 or hydrophob\$8 or lipophil\$8 or lipophob\$8 or oleophil\$8 or oleophob\$8)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:19
S1	129791	polyolefin	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:11
S2	76356	S1 and (extrud\$3 or mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:12
S3	4150	S2 and (repell\$4 or repulsion or phobic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:13
S4	3810	S3 and temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:13
S5	4064	S3 and (temperature or heat\$4 or cool\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:14
S6	2635	S5 and ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:15
S7	1753	S6 and (fluorocarbon or hydrocarbon)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:15
S9	495	S7 and (fluorocarbon or fluorinate or (fluorochemical))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:19
S10	495	S9 and (print\$4 or textile or fabric or material or woven or nonwoven)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:21
S11	218	S9 and (print\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:21

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S12	132	S11 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:25
S13	1	("4454191").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:10
S14	1	("4370365").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:11
S15	6878252	method for temporarily suppressing the repellency of molded object.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:02
S16	5126003	S15 and (extruded objects)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:05
S17	4517642	method for temporarily suppressing repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:12
S18	156694	suppressing repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:12
S19	6413	S18 and polyolefins	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:13
S20	146	S19 and fluorocarbon and hydrocarbon with ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:14
S21	1	("5898046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:12
S22	1	("5348785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:24
S23	0	time and delay and repenllency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:25

(temporand or suppress\$ or inhibit\$ or delay) same (repel\$ or repuls\$) or
 (temporand\$) with (recept\$ or EAST Search History
 hydrophil\$5 - hydrophob\$5 -
 lipophil\$5 - lipophob\$5 -
 oleophil\$5 - oleophob\$5 -

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5197178	(time delay) and repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:26
L2	267043	1 and fabric	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:29
S1	129791	polyolefin	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:11
S2	76356	S1 and (extrud\$3 or mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:12
S3	4150	S2 and (repell\$4 or repulsion or phobic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:13
S4	3810	S3 and temperature	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:13
S5	4064	S3 and (temperature or heat\$4 or cool\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:14
S6	2635	S5 and ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:15
S7	1753	S6 and (fluorocarbon or hydrocarbon)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:15
S9	495	S7 and (fluorocarbon or fluorinate or (fluorochemical))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:19
S10	495	S9 and (print\$4 or textile or fabric or material or woven or nonwoven)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:21
S11	218	S9 and (print\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:21
S12	132	S11 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 13:25
S13	1	("4454191").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:10
S14	1	("4370365").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:11

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S15	6878252	method for temporarily suppressing the repellency of molded object.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:02
S16	5126003	S15 and (extruded objects)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:05
S17	4517642	method for temporarily suppressing repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:12
S18	156694	suppressing repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:12
S19	6413	S18 and polyolefins	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:13
S20	146	S19 and fluorocarbon and hydrocarbon with ester	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:14
S21	1	("5898046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:12
S22	1	("5348785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:24
S23	0	time and delay and repellency	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 11:25